

### **ABSTRACT**

An object recognition system including a light source controller configured to control an illumination level of a light source in response to an ambient light level. A camera is configured to capture an image of an object illuminated by the light source. A computer  
5 compares data representative of the image to stored image data. A method of illuminating an object in an object recognition system and a method of controlling access of an object to a secure area are also provided.